

## IR - Sadtler Electric Power Plant Materials - Wiley

Spectra - 1,070

### Description

This database consists of 1,070 infrared spectra of commercial products that may be used in utility plants.

Utilities and their suppliers are guided by regulations stating that all materials used in such plants should be tested against original use specifications to ensure safety. It has been proposed that IR be used for such inspections of seals, elastomers, polymers, lubricants, and related materials used in utility plants.

### Additional Information

Each compound is identified by its commercial or trade name. The following information will also be supplied when available: source of sample, method of analysis, chemical composition or classification, and chemical or physical properties.

### Classifications

Polychloroprenes & Chloroprene Rubbers - 17	Silicone Rubbers - 116	Acrylics - 12
Chlorosulfonated Polyethylenes & Hypalons - 4	Nitrile Rubbers - 96	Polyphenylene Oxides - 4
Epoxy & Epoxides - 81	Nylons - 77	Fluorocarbons - 13
Terpolymers of Ethylene & Propylene (EPDM) - 52	Polyesters - 48	Polysulfide Rubbers - 1
Copolymers of Ethylene & Propylene (EPM) - 9	Polycarbonates - 31	Poly(Vinyl Chlorides) - 29
Fluorocarbon Rubbers - 12	Polyethylenes - 24	Styrene-Butadiene Rubbers - 109
Fluorosilicones - 3	Phenolics - 57	Adhesives - 10
Butyl Rubbers - 17	Polyimides - 7	Ion Exchange Resins - 28
Melamines - 14		

*This collection has been subject to the Sadtler Data Review Protocol™ to provide you with the highest standard in spectral data today. These rigorous qualifying procedures start at data acquisition and continue throughout the database development process.*